

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	19	"industrial control".clm. and "707".clas. and @ad< "20040204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/13 12:10
L2	3	"10298852"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/13 12:52
L3	15722	rockwell.asn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/13 12:58
L4	835	"rockwell".asn. and industrial and @ad< "20040204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/13 12:59
L5	28	"rockwell".asn. and industrial and plc and database and @ad< "20040204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/13 12:59
S1	5	(industrial near (device or controller)) and ((data near3 mapping) with table)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/06 10:53
S2	5	(industrial near (device or controller)) and ((data near3 mapping) with table) and @ad< "20040204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/06 10:54
S3	1833	((data near3 mapping) with table) and @ad< "20040204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/06 10:56
S4	1	((data near3 mapping) with table) same (jdbc or odbc) and @ad< "20040204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/06 10:58

S5	56	((data near3 mapping) with table) and (jdbc or odbc) and @ad< "20040204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/06 11:00
S6	0	((data near3 mapping) with table) and (jdbc or odbc) and (industrial near (device or controller)) and @ad< "20040204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/06 11:00
S7	0	((data near3 mapping) with table) and (jdbc or odbc) and (industrial near (device or controller)) and @ad< "20040204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/06 11:01
S8	56	((data near3 mapping) with table) and (jdbc or odbc) and @ad< "20040204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/06 11:19
S9	24	((data near3 mapping) with table) and (jdbc or odbc) and (read\$4 same writ\$4) and @ad< "20040204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/06 12:45
S10	5	((data near3 mapping) with table same relational) and (jdbc or odbc) and (read\$4 same writ \$4) and @ad< "20040204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/06 11:20
S11	1	((data near3 mapping) with table) and (jdbc or odbc) and (read\$4 same writ\$4) and (binary near file) and @ad< "20040204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/06 12:34
S12	1	((import\$4 or transfer\$4) with data with (device or controller or industrial)) same (relational near table)) and @ad< "20040204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/06 12:49
S13	20	(industrial near (controller or device)) and (jdbc or odbc) and @ad< "20040204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/06 12:50
S14	152	((industrial or external) near (controller or device)) and (jdbc or odbc) and @ad< "20040204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/06 12:50
S15	45	((industrial or external) near (controller or device)) and (jdbc or odbc) and (data near2 map \$5) and @ad< "20040204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/06 12:50

S16	16	((industrial or external) near (controller or device)) and (jdbc or odbc) and (data near2 map \$5) and (relational near (database or table)) and @ad<"20040204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/06 12:52
S17	44	((industrial or external) near (controller or device)) and (jdbc or odbc) and (data near2 map \$5) and table and database and @ad<"20040204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/06 12:52
S18	2	"6122639".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/14 14:55
S19	574	((data adj structure) same (relational) same table) and @ad<"20040204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/14 14:56
S20	0	((data adj structure) same (relational) same table) and (map\$5 with to with table) and @ad<"20040204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/14 14:57
S21	316	((data adj structure) same (relational) same table) and map \$5 and @ad<"20040204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/14 14:57
S22	309	((data near3 structure\$2) same (relational) same table) and (map\$5 near7 table) and @ad<"20040204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/14 14:59
S23	342	((data near3 structure\$2) same (relational) same table) and (map\$5 with table) and @ad<"20040204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/14 14:58
S24	25369050	((data near3 structure\$2) same (relational) same table) and map \$5and @ad<"20040204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/14 14:58
S25	800	((data near3 structure\$2) same (relational) same table) and map \$5 and @ad<"20040204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/14 14:58
S26	328	((data near3 structure\$2) same (relational) same table) and (map\$5 near10 table) and @ad<"20040204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/14 15:05

S27	44	((data near3 structure\$2) same (relational) same table) and (map\$5 near10 table) and JDBC and @ad<"20040204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/14 15:00
S28	0	(industrial near2 (device or equipment or appliance or machine)) and ((data near3 structure\$2) same (relational) same table) and (map\$5 near10 table) and @ad<"20040204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/14 15:07
S29	0	(industrial near2 (device or equipment or appliance or machine)) and ((data near3 structure\$2) same (relational) same table) and (map\$5 near10 table) and @ad<"20040204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/14 15:09
S30	0	((industrial near2 controller) or (programmable near2 logic near2 controller) or PLC) and ((data near3 structure\$2) same (relational) same table) and (map\$5 near10 table) and @ad<"20040204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/14 15:09
S31	77	((industrial near2 controller) or (programmable near2 logic near2 controller) or PLC) and ((data near3 structure\$2) same table) and (map\$5 near10 table) and @ad<"20040204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/14 15:29
S32	32	(industrial near2 (device or equipment or appliance or machine)) and ((data near3 structure\$2) same table) and (map\$5 near10 table) and @ad<"20040204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/14 15:09
S33	1	((access\$4 or retriev\$4) near5 (information or data) near5 ((industrial near2 controller) or (programmable near2 logic near2 controller) or PLC)) and ((data near3 structure\$2) same table) and map\$5 and @ad<"20040204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/14 15:33
S34	0	((access\$4 or retriev\$4) near5 (information or data) near5 ((industrial near2 controller) or (programmable near2 logic near2 controller) or PLC)) and (relational same table) and map \$5 and @ad<"20040204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/14 15:34

S35	25	((access\$4 or retriev\$4) near5 (information or data) near5 ((industrial near2 controller) or (programmable near2 logic near2 controller) or PLC or (industrial near2 (device or equipment or appliance or machine)))) and table and map \$5 and @ad<"20040204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/14 17:11
S36	165686	((industrial near2 controller) or (industrial near control near device) or (programmable near2 logic near2 controller) or PLC or (industrial near2 (device or equipment or appliance or machine))) and @ad<"20040204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/14 17:12
S37	25373117	((industrial near2 controller) or (industrial near control near device) or (programmable near2 logic near2 controller) or PLC or (industrial near2 (device or equipment or appliance or machine))) and ((acqui\$7 or access\$4 or retriev\$4 or map\$5 or collect\$4 or manag\$4) near3 (data or information)) or @ad<"20040204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/14 17:17
S38	12591	((industrial near2 controller) or (industrial near control near device) or (programmable near2 logic near2 controller) or PLC or (industrial near2 (device or equipment or appliance or machine))) and ((acqui\$7 or access\$4 or retriev\$4 or map\$5 or collect\$4 or manag\$4) near3 (data or information)) and @ad<"20040204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/14 17:18
S39	741	((industrial near2 controller) or (industrial near control near device) or (programmable near2 logic near2 controller) or PLC or (industrial near2 (device or equipment or appliance or machine))) and ((acqui\$7 or access\$4 or retriev\$4 or map\$5 or collect\$4 or manag\$4) near3 (data or information)) and (map \$5 near10 (table or (relational near database))) and @ad<"20040204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/14 17:20

S40	25369202	((industrial near2 controller) or (industrial near control near device) or (programmable near2 logic near2 controller) or PLC or (industrial near2 (device or equipment or appliance or machine))) and ((acqui\$7 or access\$4 or retriev\$4 or map\$5 or collect\$4 or manag\$4) near3 (data or information)) and (map \$5 near10 (table or (relational near database))) and (read\$4 and writ\$4) @ad< "20040204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/14 17:21
S41	421	((industrial near2 controller) or (industrial near control near device) or (programmable near2 logic near2 controller) or PLC or (industrial near2 (device or equipment or appliance or machine))) and ((acqui\$7 or access\$4 or retriev\$4 or map\$5 or collect\$4 or manag\$4) near3 (data or information)) and (map \$5 near10 (table or (relational near database))) and (read\$4 and writ\$4) and @ad< "20040204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/14 17:21
S42	183	((industrial near2 controller) or (industrial near control near device) or (programmable near2 logic near2 controller) or PLC or (industrial near2 (device or equipment or appliance or machine))) and ((acqui\$7 or access\$4 or retriev\$4 or map\$5 or collect\$4 or manag\$4) near3 (data or information)) and (map \$5 near10 (table or (relational near database))) and (read\$4 and writ\$4) and (table same column) and @ad< "20040204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/14 17:22
S43	242	((industrial near2 controller) or (industrial near control near device) or (programmable near2 logic near2 controller) or PLC or (industrial near2 (device or equipment or appliance or machine))) and ((acqui\$7 or access\$4 or retriev\$4 or map\$5 or collect\$4 or manag\$4) near3 (data or information)) and (map \$5 near10 (table or (relational near database))) and (read\$4 and writ\$4) and (table and column) and @ad< "20040204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/14 17:47

S44	172	((industrial near2 controller) or (industrial near control near device) or (programmable near2 logic near2 controller) or PLC or (industrial near2 (device or equipment or appliance or machine))) and ((acqui\$7 or access\$4 or retriev\$4 or map\$5 or collect\$4 or manag\$4) near3 (data or information)) and (map\$5 near10 (table or (relational near database))) and (read\$4 and writ\$4) and column and ((data or table) same (transfer\$6 or send\$4 or receiv\$4 or deliver\$4 or mov\$4 or exchang\$4) same (file or (binary near2 file) or packet)) and @ad<"20040204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/14 17:26
S45	68	((industrial near2 controller) or (industrial near control near device) or (programmable near2 logic near2 controller) or PLC or (industrial near2 (device or equipment or appliance or machine))) and ((acqui\$7 or access\$4 or retriev\$4 or map\$5 or collect\$4 or manag\$4) near3 (data or information)) and (map\$5 near10 (table or (relational near database))) and (read\$4 and writ\$4) and column and ((data or table) near5 (transfer\$6 or send\$4 or receiv\$4 or deliver\$4 or mov\$4 or exchang\$4) near5 (file or (binary near2 file) or packet)) and @ad<"20040204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/14 17:28
S46	76	((acqui\$7 or access\$4 or retriev\$4 or map\$5 or collect\$4 or manag\$4) near4 (data or information) near4 ((external or industrial) near2 (device or system))) and (map\$5 near10 (table or (relational near database))) and (read\$4 and writ\$4) and (table and column) and @ad<"20040204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/14 17:51

S47	0	((acqui\$7 or access\$4 or retriev\$4 or map\$5 or collect\$4 or manag\$4) near4 (data or information) near4 ((external or industrial) near2 (device or system))) and (map\$5 near10 (table or (relational near database))) and (read\$4 and writ\$4) and (table and column) and ((synchroniz\$4 or conform\$4) near4 (data near (format or structure))) and @ad<"20040204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/14 17:50
S48	57	((acqui\$7 or access\$4 or retriev\$4 or map\$5 or collect\$4 or manag\$4) near4 (data or information) ) and (map\$5 near10 (table or (relational near database))) and (read\$4 and writ\$4) and (table and column) and ((synchroniz\$4 or conform\$4) near4 (data near (format or structure))) and @ad<"20040204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/14 17:52
S49	239	((acqui\$7 or access\$4 or retriev\$4 or map\$5 or collect\$4 or manag\$4) near4 (data or information) ) and (map\$5 near10 (table or (relational near database))) and (read\$4 and writ\$4) and (table and column) and ((synchroniz\$4 or conform\$4 or transform\$4) near4 (data near (format or structure))) and @ad<"20040204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/14 17:58
S50	16	((acqui\$7 or access\$4 or retriev\$4 or map\$5 or collect\$4 or manag\$4) near4 (data or information) ) and (map\$5 near10 (table or (relational near database))) and (read\$4 and writ\$4) and (table and column) and ((synchroniz\$4 or conform\$4 or transform\$4) near4 (data near (format or structure)) near10 table) and @ad<"20040204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/14 17:53
S51	18	((acqui\$7 or access\$4 or retriev\$4 or map\$5 or collect\$4 or manag\$4) near4 (data or information) ) and (map\$5 near10 (table or (relational near database))) and (read\$4 and writ\$4) and (table and column) and ((synchroniz\$4 or conform\$4 or transform\$4) near4 (data near (format or structure)) near10 (table or relational)) and @ad<"20040204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/14 17:53



S52	21318	((data near5 memory) near10 (table or relational)) and @ad<"20040204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/14 20:06
S53	1548	((collect\$4 or transform\$4 or convert\$4 or translat\$4 or extract\$4) near5 (data near5 memory) near10 (table or relational)) and @ad<"20040204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/14 20:08
S54	0	((collect\$4 or transform\$4 or convert\$4 or translat\$4 or extract\$4) near5 (data near5 memory) near10 (table or relational)) and (standard near database near connection) and @ad<"20040204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/14 20:08
S55	38	((collect\$4 or transform\$4 or convert\$4 or translat\$4 or extract\$4) near5 (data near5 memory) near10 (table or relational)) and (jdbc or odbc) and @ad<"20040204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/14 20:10
S56	122	((data near5 memory) near10 (table or relational)) and (jdbc or odbc) and @ad<"20040204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/14 20:56
S57	2	"6523036".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/14 20:59
S58	1094	(transfer\$4 or exchang\$4) near4 (binary adj (file or data or packet)) and @ad<"20040204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/14 21:01
S59	6	(transfer\$4 or exchang\$4) near4 (binary adj (file or data or packet)) and (database adj system) and @ad<"20040204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/14 21:06
S60	60	(transfer\$4 or exchang\$4) near4 (binary adj (file or data or packet)) and xml and @ad<"20040204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/14 21:07
S61	60	(transfer\$4 or exchang\$4) near4 (binary adj (file or data or packet)) and xml and @ad<"20040204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/15 14:35

S62	101	((jdbc near5 open) and @ad< "20040204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/15 14:36
S63	5	((industrial near (device or controller)) and ((data near3 mapping) with table) and @ad< "20040204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/17 21:13
S64	58	((data near3 mapping) with table) and (jdbc or odbc) and @ad< "20040204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/17 21:13
S65	24	((data near3 mapping) with table) and (jdbc or odbc) and (read\$4 same writ\$4) and @ad< "20040204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/17 21:13
S66	21	((industrial near (controller or device)) and (jdbc or odbc) and @ad< "20040204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/17 21:13
S67	55	((industrial or external) near (controller or device)) and (jdbc or odbc) and (data near2 map \$5) and @ad< "20040204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/17 21:13
S68	17	((industrial or external) near (controller or device)) and (jdbc or odbc) and (data near2 map \$5) and (relational near (database or table)) and @ad< "20040204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/17 21:13
S69	34	((industrial near2 (device or equipment or appliance or machine)) and ((data near3 structure\$2) same table) and (map\$5 near10 table) and @ad< "20040204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/17 21:13
S70	70	((industrial near2 controller) or (industrial near control near device) or (programmable near2 logic near2 controller) or PLC or (industrial near2 (device or equipment or appliance or machine))) and ((acqui\$7 or access\$4 or retriev\$4 or map\$5 or collect\$4 or manag\$4) near3 (data or information)) and (map \$5 near10 (table or (relational near database))) and (read\$4 and writ\$4) and column and ((data or table) near5 (transfer \$6 or send\$4 or receiv\$4 or deliver\$4 or mov\$4 or exchang	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/17 21:14

		\$4) near5 (file or (binary near2 file) or packet)) and @ad<"20040204"				
S71	40	((collect\$4 or transform\$4 or convert\$4 or translat\$4 or extract\$4) near5 (data near5 memory) near10 (table or relational)) and (jdbc or odbc) and @ad<"20040204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/17 21:14
S72	72	(transfer\$4 or exchang\$4) near4 (binary adj (file or data or packet)) and xml and @ad<"20040204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/17 21:14
S73	60	((data near3 mapping) with table) and (jdbc or odbc) and @ad<"20040204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/07/14 18:22
S74	25	((data near3 mapping) with table) and (jdbc or odbc) and (read\$4 same writ\$4) and @ad<"20040204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/07/14 18:22
S75	21	(industrial near (controller or device)) and (jdbc or odbc) and @ad<"20040204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/07/14 18:22
S76	57	((industrial or external) near (controller or device)) and (jdbc or odbc) and (data near2 map \$5) and @ad<"20040204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/07/14 18:22
S77	17	((industrial or external) near (controller or device)) and (jdbc or odbc) and (data near2 map \$5) and (relational near (database or table)) and @ad<"20040204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/07/14 18:22
S78	27	((access\$4 or retriev\$4) near5 (information or data) near5 ((industrial near2 controller) or (programmable near2 logic near2 controller) or PLC or (industrial near2 (device or equipment or appliance or machine)))) and table and map \$5 and @ad<"20040204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/07/14 18:22
S79	82	((industrial near2 controller) or (programmable near2 logic near2 controller) or PLC) and ((data near3 structure\$2) same table) and (map\$5 near10 table) and @ad<"20040204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/07/14 18:22

S80	64	((acqui\$7 or access\$4 or retriev\$4 or map\$5 or collect\$4 or manag\$4) near4 (data or information) ) and (map\$5 near10 (table or (relational near database))) and (read\$4 and writ\$4) and (table and column) and ((synchroniz\$4 or conform\$4) near4 (data near (format or structure))) and @ad< "20040204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/14 18:22
S81	120	(jdbc near5 open) and @ad< "20040204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/07/14 18:22
S82	129	((data near5 memory) near10 (table or relational)) and (jdbc or odbc) and @ad< "20040204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/07/14 18:22
S83	78	(transfer\$4 or exchang\$4) near4 (binary adj (file or data or packet)) and xml and @ad< "20040204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/07/14 18:22
S84	0	"industrial controller" and @ad< "20040204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/09 10:49
S85	1065	("industrial controller" or "industrial control device") and @ad< "20040204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/09 10:50
S86	0	("industrial controller" or "industrial control device") and "standard database interface" and @ad< ""20040204""	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/09 10:52
S87	5	("industrial controller" or "industrial control device") and "database interface" and @ad< ""20040204""	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/09 10:52
S88	62	("industrial controller" or "industrial control device") and ("database interface" or java or JDBC) and @ad< ""20040204""	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/09 10:53
S89	43	("industrial controller" or "industrial control device") and ("database interface" or java or JDBC) and map\$4 and @ad< ""20040204""	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/09 10:53

S90	55	("industrial controller" or "industrial control device") and ("database interface" or java or JDBC) and (map\$4 or conver\$4 or export\$4 or import\$4 or translat\$4) and @ad< "20040204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/09 10:54
S91	19	("industrial controller" or "industrial control device") and ("database interface" or java or JDBC) and ((map\$4 or conver\$4 or export\$4 or import\$4 or translat\$4) same table) and @ad< "20040204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/09 10:55
S92	20	("industrial controller" or "industrial control device") and ("database interface" or java or JDBC) and ((map\$4 or conver\$4 or export\$4 or import\$4 or translat\$4) same (table or row or column)) and @ad< "20040204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/09 10:55
S93	2	"5968127".pn. and @ad< "20040204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/09 11:00
S94	2	"6208993".pn. and @ad< "20040204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/09 11:02
S95	2	"6370569".pn. and @ad< "20040204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/09 11:03
S96	2	"6434157".pn. and @ad< "20040204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/09 11:04
S97	300	(transfer\$4 or transmit\$4 or map\$4 or convert\$4) near3 data near3 ("controller" or "control device") near3 (table or database) and @ad< "20040204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/09 11:17
S98	0	((transfer\$4 or transmit\$4 or map\$4 or convert\$4) near3 data near3 ("controller" or "control device") near3 (table or database)) same jdbc and @ad< "20040204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/09 11:18

S99	0	((transfer\$4 or transmit\$4 or map\$4 or convert\$4) near3 data near3 from near3 ("controller" or "control device") near3 to near3 (table or database)) and @ad< "20040204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/09 11:19
S100	0	((transfer\$4 or transmit\$4 or map\$4 or convert\$4) near3 data near3 from near3 ("controller" or "control device") near3 (table or database)) and @ad< "20040204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/09 11:19
S101	300	((transfer\$4 or transmit\$4 or map\$4 or convert\$4) near3 data near3 ("controller" or "control device") near3 (table or database)) and @ad< "20040204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/09 11:19
S102	736	map\$4 near5 (data adj structure) near5 (table or row or column) and @ad< "20040204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/09 11:21
S103	903	map\$4 near7 (data adj structure) near7 (table or row or column) and @ad< "20040204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/09 11:21
S104	0	(map\$4 near7 (data adj structure) near7 (table or row or column)) and ((table or record) near5 access\$4 near5 jdbc) and @ad< "20040204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/09 11:22
S105	0	(map\$4 near7 (data adj structure) near7 (table or row or column)) and ((table or record) near5 access\$4 near5 java) and @ad< "20040204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/09 11:22
S106	0	(map\$4 near7 (data adj structure) near7 (table or row or column)) and ((table or record) near5 access\$4 same java) and @ad< "20040204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/09 11:23
S107	16	(map\$4 near7 (data adj structure) near7 (table or row or column)) and jdbc and @ad< "20040204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/09 11:23
S108	10	(map\$4 near7 (data adj structure) near7 (table or row or column)) and (database adj interface) and @ad< "20040204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/09 11:43

S109	811	(access\$4 or retriev\$4) near4 data near4 ("industrial controller" or "industrial control device" or "control device") and @ad<"20040204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/09 11:45
S110	0	((access\$4 or retriev\$4) near4 data near4 ("industrial controller" or "industrial control device" or "control device")) same java and @ad<"20040204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/09 11:46
S111	33	((access\$4 or retriev\$4) near4 data near4 ("industrial controller" or "industrial control device" or "control device")) and java and @ad<"20040204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/09 11:46
S112	2	"6141595".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/09 11:49
S113	594	(import\$4 or export\$4 or mov\$4 or cop\$4 or migrat\$4 or map\$4) near5 data near5 ("industrial controller" or "industrial device" or "control device" or "controller device") and @ad<"20040204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/09 15:13
S114	224	((import\$4 or export\$4 or mov\$4 or cop\$4 or migrat\$4 or map\$4) near5 data near5 ("industrial controller" or "industrial device" or "control device" or "controller device")) and (database or table) and @ad<"20040204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/09 15:20
S115	2	((import\$4 or export\$4 or mov\$4 or cop\$4 or migrat\$4 or map\$4) near5 data near5 ("industrial controller" or "industrial device" or "control device" or "controller device")) and (database near2 interface) and @ad<"20040204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/09 15:23
S116	14	((import\$4 or export\$4 or mov\$4 or cop\$4 or migrat\$4 or map\$4) near5 data near5 ("industrial controller" or "industrial device" or "control device" or "controller device")) and ((database or standard) near2 interface) and @ad<"20040204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/09 15:23
S117	28	((import\$4 or export\$4 or mov\$4 or cop\$4 or migrat\$4 or map\$4) near5 data near5 (external near2 device)) and ((database or standard) near2 interface) and @ad<"20040204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/09 15:28

S118	0	((import\$4 or export\$4 or mov\$4 or cop\$4 or migrat\$4 or map\$4) near5 data near5 (external near2 device)) and ((database or standard) near2 interface) and ((identif\$4 or discover\$4 or determin\$4) near5 (data adj structure) near5 (external near2 device)) and @ad<"20040204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/09 15:29
S119	1	((import\$4 or export\$4 or mov\$4 or cop\$4 or migrat\$4 or map\$4) near5 data near5 (external near2 device)) and ((database or standard) near2 interface) and ((identif\$4 or discover\$4 or determin\$4) near5 (data adj structure)) and @ad<"20040204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/09 15:30
S120	48	((import\$4 or export\$4 or mov\$4 or cop\$4 or migrat\$4 or map\$4) near5 data near5 (external near2 device)) same table and @ad<"20040204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/09 15:36
S121	48	((import\$4 or export\$4 or mov\$4 or cop\$4 or migrat\$4 or map\$4) near5 data near5 (external near2 device)) same (table or (relational adj database)) and @ad<"20040204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/09 15:37

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